

IN THE CLAIMS

The following is a complete listing of the claims. This listing replaces all earlier versions and listings of the claims.

1. (Currently Amended) An image communication apparatus comprising:
 - a selector, arranged to select an image transmission method;
 - a converter, arranged to perform color space conversion corresponding to the selected transmission method for an image to be transmitted before a start of communication with a communication partner;
 - an encoder, arranged to encode the image subjected to the color space conversion; and
 - a transmitter, arranged to transmit the encoded image by the selected transmission method.
2. (Original) The apparatus according to claim 1, wherein said selector can select at least one of a method of transmitting an image by facsimile and a method of transmitting an image by attaching the image to e-mail.
3. (Original) The apparatus according to claim 2, wherein when the method of transmitting an image by facsimile is selected, said converter converts the color space of an image to be transmitted into a CIE Lab color space.

4. (Original) The apparatus according to claim 2, wherein when the method of transmitting an image by attaching the image to e-mail is selected, said converter converts the color space of an image to be transmitted into a YCbCr color space.

5. (Original) The apparatus according to claim 1, wherein said encoder performs JPEG coding.

6. (Original) The apparatus according to claim 2, wherein said transmitter comprises:

a modulator, arranged to modulate a signal on the basis of the encoded image when the method of transmitting an image by facsimile is selected; and

a generator, arranged to generate e-mail data containing the encoded image when the method of transmitting an image by attaching the image to e-mail is selected.

7. (Original) The apparatus according to claim 6, wherein said transmitter further comprises:

a PCM encoder, arranged to encode the modulated signal by PCM when the method of transmitting an image by facsimile is selected; and

a sender, arranged to send a PCM code to a digital communication line and send e-mail data to the Internet.

8. (Original) The apparatus according to claim 1, further comprising a reader, arranged to read an image to be transmitted from an original and output an RGB-color-space image.

9. (Original) The apparatus according to claim 1, further comprising an inputter, arranged to input an image recorded in a memory medium as an image to be transmitted.

10. (Currently Amended) An image communication method comprising the steps of:

manually selecting an image transmission method;

performing color space conversion corresponding to the selected transmission method for an image to be transmitted before a start of communication with a communication partner;

encoding the image subjected to the color space conversion; and

transmitting the encoded image by the selected transmission method.

11. (Currently Amended) A computer program product stored on ~~comprising~~ a computer readable medium comprising having a computer program code, for an image communication method, the method comprising ~~process procedure code for the~~ steps of:

manually selecting an image transmission method;

performing color space conversion corresponding to the selected transmission method for an image to be transmitted before a start of communication with a communication partner;

encoding the image subjected to the color space conversion; and
transmitting the encoded image by the selected transmission method.

12. (Currently Amended) An image communication apparatus comprising:

a selector, arranged to select an image transmission destination;
a converter, arranged to perform color space conversion corresponding to the selected transmission destination for an image to be transmitted before a start of communication with the selected destination;

an encoder, arranged to encode the image subjected to the color space conversion; and

a transmitter, arranged to transmit the encoded image by a transmission method corresponding to the selected transmission destination.

13. (Original) The apparatus according to claim 12, wherein the transmission method includes at least a method of transmitting an image by facsimile and a method of transmitting an image by attaching the image to e-mail.

14. (Original) The apparatus according to claim 13, wherein when the selected transmission destination corresponds to the method of transmitting an image by

facsimile, said converter converts the color space of an image to be transmitted into a CIE Lab color space.

15. (Original) The apparatus according to claim 13, wherein when the transmission destination corresponds to the method of transmitting an image by attaching the image to e-mail, said converter converts the color space of an image to be transmitted into a YCbCr color space.

16. (Original) The apparatus according to claim 12, wherein said encoder performs JPEG coding.

17. (Original) The apparatus according to claim 13, wherein said transmitter comprises:

a modulator, arranged to modulate a signal on the basis of the encoded image when the transmission destination corresponds to the method of transmitting an image by facsimile; and

a generator, arranged to generate e-mail data containing the encoded image when the transmission destination corresponds to the method of transmitting an image by attaching the image to e-mail.

18. (Original) The apparatus according to claim 17, wherein said transmitter further comprises:

a PCM encoder, arranged to encode the modulated signal by PCM when the transmission destination corresponds to the method of transmitting an image by facsimile; and

a sender, arranged to send a PCM code to a digital communication line and send e-mail data to the Internet.

19. (Original) The apparatus according to claim 12, further comprising a reader, arranged to read an image to be transmitted from an original and output an RGB-color-space image.

20. (Original) The apparatus according to claim 12, further comprising an inputter, arranged to input an image recorded in a memory medium as an image to be transmitted.

21. (Currently Amended) An image communication method comprising the steps of:

manually selecting an image transmission destination;

performing color space conversion corresponding to the selected transmission destination for an image to be transmitted before a start of communication with the selected destination;

encoding the image subjected to the color space conversion; and

transmitting the encoded image by a transmission method corresponding to the selected transmission destination.

22. (Currently Amended) A computer program product stored on
~~comprising~~ a computer readable medium comprising ~~having~~ a computer program code, for
an image communication method, the method comprising ~~process procedure code for the~~
steps of:

manually selecting an image transmission destination;

performing color space conversion corresponding to the selected
transmission destination for an image to be transmitted before a start of communication
with the selected destination;

encoding the image subjected to the color space conversion; and

transmitting the encoded image by a transmission method
corresponding to the selected transmission destination.